

CLAIMS

What is claimed is:

1. A head lamp comprising

a lamp head (12) for the reception of a light source (30, 34) the lamp head (12) having two lugs (86, 86') arranged at opposite sides and connected to it, and to which an elastic headband (10) of the head lamp can be fastened for the fastening of the head lamp to the head of a person and which are so flexible that their shape is adaptable to the shape of the head by the tension of the headband (10) on being secured to the head.

2. A head lamp in accordance with claim 1, characterized in that a battery holder (14) is provided with two lugs (98, 98') arranged at opposite sides of the battery holder (14) and connected thereto, to which the headband (10) can be fastened and which are so flexible that their shape is adaptable to the shape of the head by the tension of the headband (10) on being secured to the head.

3. A head lamp in accordance with claim 1, characterized in that the lugs (86, 86', 98, 98') each have slot-shaped openings (88, 88', 100, 100') through which the headband (10) can be guided.

4. A head lamp in accordance with claim 1, characterized in that the lamp head (12) and/or the battery holder (14) has a housing (18, 90) which is at least partly surrounded by a jacket (26, 96) made of an elastic material at which the lugs (86, 86', 98, 98') are formed.

5. A head lamp in accordance with claim 4, characterized in that the jacket (26, 96) is made from an elastomeric material.

6. A head lamp in accordance with claim 5, characterized in that the jacket (26, 96) is made of a thermoplastic, elastomeric material and the housing (18, 80) is made from a further thermoplastic material.

7. A head lamp in accordance with claim 4, characterized in that a switch (64) is arranged in the housing (18) which is covered by the jacket (26) and can be operated by pressure on the jacket (26).

8. A head lamp in accordance with claim 4, characterized in that at least one lens (42, 44) is formed in a wall (38) of the housing (18) of the lamp head (12) as an image producing device for the formation of a light beam (54, 56), which can be transmitted by the lamp head (12), from light of a light source (30, 34) held in the lamp head (12); and in that a corresponding opening (82, 82') is provided in the jacket (26).

9. A head lamp in accordance with claim 1, characterized in that the lamp head (12) has a housing (18) for the reception of at least one light source (30, 34) and an areal support element (24) held at the housing (18) which is pivotable relative to the housing (18) in a plane which is aligned substantially orthogonally to a surface of the support element (24).

10. A head lamp in accordance with claim 9, characterized in that latch elements (72, 74, 76, 78) complementary to one another and by means of which the support element (24) is securable in its relative position to the housing (18) are arranged at the housing (18) and at the support element (24).

11. A head lamp in accordance with claim 10, characterized in that one of the latch elements (76, 78) can be moved by pressure onto a pre-determined region of the jacket (26) of the lamp head (12) and the latching of the latch elements (72, 74, 75, 78) can thus be cancelled.

12. A method for the manufacture of a housing and of a corresponding jacket for a head lamp,

wherein the housing (18, 90) and the jacket (26, 96) are manufactured by two-component injection molding of a thermoplastic, elastomeric material and of a further thermoplastic material.